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DERWENT-WEEK: 199629

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TITLE: Blanket for wet section of a paper-making machine - has a three dimensional knitted layer over the woven base layer

INVENTOR: PENVEN, P

PATENT-ASSIGNEE: COFPA CIE FEUTRES PAPETERIES[COFPN]

PRIORITY-DATA: 1994FR-0014098 (November 24, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
FR <u>2727442</u> A1	May 31, 1996	N/A	014	D21F 007/08

APPLICATION-DATA:

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FR 2727442A1	N/A	1994FR-0014098	November 24, 1994

INT-CL (IPC): D21F007/08

ABSTRACTED-PUB-NO: FR 2727442A

BASIC-ABSTRACT:

The blanket, for the wet section of a papermaking machine, has a woven base (1) and a superimposed knitted structure (4), covered by a non-woven layer (7), with needle bonding to hold the layers together. The knitted layer (4) is a three-dimensional structure with two parallel knitted surfaces (41, 42) parallel to the base layer (1). The surfaces (41, 42) are joined by yarns (43) at right angles to them.

Pref. the woven base layer (1) has warps (2) and wefts (3) of polyamide. The knitted layer (4) is e.g. of polyamide, polyester, polyether ether ketone, etc

ADVANTAGE - The blanket has high flexibility and compression, with improved water extraction and retention, with good permeability for water delivery at the suction systems. It gives smooth running without adhesion of pulp clumps.

CHOSEN-DRAWING: Dwg.1,4/7

TITLE-TERMS: BLANKET WET SECTION PAPER MACHINE THREE DIMENSION KNIT

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PUBN-DATE: May 31, 1996

INVENTOR-INFORMATION:

NAME	COUNTRY
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ASSIGNEE-INFORMATION:

NAME	COUNTRY
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ABSTRACT:

The blanket, for the wet section of a papermaking machine, has a woven base (1) and a superimposed knitted structure (4), covered by a non-woven layer (7), with needle bonding to hold the layers together. The knitted layer (4) is a three-dimensional structure with two parallel knitted surfaces (41, 42) parallel to the base layer (1). The surfaces (41, 42) are joined by yarns (43) at right angles to them. Pref. the woven base layer (1) has warps (2) and wefts (3) of polyamide. The knitted layer (4) is e.g. of polyamide, polyester, polyether ether ketone, etc